

geometry

study of lines and
shapes

polygon

a closed shape

parallel lines

two lines with the
same distance
between them

quadrilateral

a four-sided closed
shape

horizontal lines

lines that go across

vertical lines

lines that go up and
down

square

a quadrilateral with
four right angles and
all sides of equal
length

rectangle

a quadrilateral with
four right angles

parallelogram

a quadrilateral with
two sets of parallel
sides

right angle

an angle of 90
degrees

trapezoid

a quadrilateral with
one set of parallel
lines

equilateral triangle

a triangle with all
sides of equal length

hexagon

a six-sided polygon

octagon

an eight-sided
polygon

vertex

the point where two
sides of an angle
meet

pentagon

a five-sided polygon

acute triangle

a triangle with an
angle smaller than 90
degrees

obtuse triangle

a triangle with an
angle larger than 90
degrees

isosceles triangle

a triangle with two
equal sides

scalene triangle

a triangle with three
sides of different
lengths